

CLAIMS

1. An iron-based sintered body with a rustproof function, characterized in comprising a layer containing 0.01 to 5at% of indium on the surface of the iron-based sintered body.
2. An iron-based sintered body with a rustproof function, characterized in containing 0.01 to 5at% of indium throughout the sintered body.
3. A manufacturing method of an iron-based sintered body having iron as its principal component, characterized in that sintering is performed in a gas atmosphere containing indium vapor or indium.